CXV. *An Account of an Earthquake felt at* Colen, Leige, Maeſtricht, *&c. on the* 19*th of* November, 1756: *In a Letter from Mr.* Abraham Trembley, *F. R. S. to* Thomas Birch, *D. D. Secretary to the* Royal Society. *Tranſlated from the* French.

SIR, Hague, Nov. 26, 1756.

Read Dec. 16. 1756. THERE was felt, on the 19th of this month, at three in the morning, a ſhock of an earthquake, at Colen, Leige, Maeſtricht, in the country of Limburg, and, as appears, in all that between the Meuſe and the Rhine.

This ſhock continued but a ſhort time; and there is no account at preſent of any damage done by it.

One of almoſt the ſame kind was felt in the ſame places on the 3d of June.

You ſaw by the account, which I ſent you on the 11th of May, that earthquakes were very frequent in this country in the beginning of this year. The ſhock, which has been lately felt in theſe parts, as well as in Portugal, ſhews, that the cauſe of earthquakes is ſtill active.

I have not yet procured the ſequel of the obſervations made in Valais on that ſubject.

I know, that perſons very attentive obſerved, that in the neighbourhood of Liſbon for ſeveral days after the 1ſt of November 1755, thoſe, who lay upon the

ground, perceived a motion under them, which they compared to the beating of the pulſe. They mention likewiſe, that after this motion ceaſed to be felt, there was perceived another, which they compare to that felt in a boat on a river, the current of which is very ſlow. Thoſe only, who lay on the ground, were ſenſible of this motion; for ſuch, as were ſitting on chairs, or ſtanding, perceived nothing of it.

This is the whole, Sir, of what I have learned on this ſubject. I leave you to judge, whether it be worth communicating to the Royal Society; whom I requeſt you to aſſure of my moſt profound reſpect, and of my deſire to merit the honour done me of admitting me into their body.

I am with the greateſt regard,

Sir,

Your moſt humble

and moſt obedient ſervant,

A. Trembley.